

## Proposal Full View

### Applicant Information

Organization Name  \*  
 Tax ID **999999910**  
 Proposal Name West Coast Basin Barrier Water Quality Monitoring Wells Project \*  
 Proposal Objective The primary goal of the Project is to secure sustainable water resources and protect drinking water for the Los Angeles south bay region of 1 million residents by studying, tracking and monitoring the underground behavior of highly advanced treated recycled water. \*

### Budget

Other Contribution	<input type="text" value="\$0.00"/>
Local Contribution	<input type="text" value="\$0.00"/>
Federal Contribution	<input type="text" value="\$0.00"/>
Inkind Contribution	<input type="text" value="\$12,000.00"/>
Amount Requested	<input type="text" value="\$246,319.00"/> *
Total Project Cost	<input type="text" value="\$258,317.00"/> *

### Geographic Information

Latitude \* DD(+/-)  MM  SS   
 Longitude \* DD(+/-)  MM  SS   
 Longitude/Latitude Clarification Location  
 County Los Angeles \*  
 Ground Water Basin Coastal Plain Of Los Angeles-West Coast  
 Hydrologic Region South Coast  
 Watershed Santa Monica Bay

### Legislative Information

Assembly District 62nd Assembly District, 66th Assembly District \*  
 Senate District 26th Senate District \*  
 US Congressional District District 33 (CA) \*

### Project Information

Project Name

Implementing Organization	West Basin Municipal Water District
Secondary Implementing Organization	
Proposed Start Date	5/1/2013
Proposed End Date	1/7/2014
Project Scope	The purpose of the proposed Project is to install two new monitoring wells near the West Coast Basin Barrier.
	The West Basin Municipal Water District (West Basin) "West Coast Basin Barrier Water Quality Monitoring Wells Project (Project)" proposes to install two new water quality monitoring wells in the West Coast Basin Barrier (Barrier). Currently, West Basin has only one water quality monitoring well for the entire Barrier system. The County of Los Angeles, Department of Public Works (LACDPW) owns the Barrier monitoring wells. West Basin contracts the operation, maintenance and monitoring of these wells to California Water Service Company. The Water Replenishment District of South

Project Description	<p>California (WRD) has a network of over 250 monitoring wells at nearly 50 locations throughout the West Coast Basin for the purpose of tracking seawater intrusion and plumes in the groundwater basin. This Project will be in coordination with the LACDPW and WRD, both of which are supportive of this Project. In 2006, West Basin decided to install its own monitoring well for the purposes of monitoring the interaction of recycled water in the groundwater basin. This new Project will expand West Basin's monitoring program by installing two additional monitoring wells inside the Barrier system to better understand how recycled water interacts with and travels throughout the freshwater supplies within the groundwater basin. Funding for the Project will enable the study, tracking, and monitoring of the underground behavior of highly advanced treated recycled water in groundwater aquifers.</p>
Project Objective	<p>The primary goal of the Project is to secure sustainable water resources and protect drinking water for the Los Angeles south bay region of 1 million residents by studying, tracking and monitoring the underground behavior of highly advanced treated recycled water.</p>

### Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Groundwater Management-Monitoring wells installed	0	Groundwater quality

Project Objective

### Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="0"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="12000"/>
Amount Requested	<input type="text" value="246319"/>
Total Project Cost	<input type="text" value="258317"/>

### Geographic Information

Latitude DD(+/-)  MM  SS

Longitude DD(+/-)  MM  SS

Longitude/Latitude Clarification  Location

County Los Angeles Ground Water Basin Coastal Plain Of Los Angeles-West Coast Hydrologic Region South Coast WaterShed

Santa Monica Bay

### Legislative Information

Assembly District	62nd Assembly District,66th Assembly District
Senate District	26th Senate District
US Congressional District	District 33 (CA)

## Section : Applicant Information and Question's Tab

### APPLICANT INFORMATION AND QUESTION'S TAB

#### Q1. Applicant Information

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

West Basin Municipal Water District 17140 S. Avalon Blvd., Suite 210 Carson, Ca 90746

## Q2. Proposal Description:

**Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.**

West Basin's West Coast Basin Barrier Water Quality Monitoring Wells Project proposes to install two new water quality monitoring wells in the West Coast Basin Barrier (Barrier). Currently, West Basin has only one water quality monitoring well for the entire Barrier system. The County of Los Angeles, Department of Public Works (LACDPW) owns the Barrier monitoring wells. West Basin contracts the operation, maintenance and monitoring of these wells to California Water Service Company. The Water Replenishment District of South California (WRD) has a network of over 250 monitoring wells at nearly 50 locations throughout the West Coast Basin for the purpose of tracking seawater intrusion and plumes in the groundwater basin. This Project will be in coordination with the LACDPW and WRD, both of which are supportive of this Project. None of the 250 monitoring wells within the Barrier system are close to the Barrier for early detection of recycled water. Since these wells are owned by the LACDPW, West Basin does not have the capability of conducting its own research specifically focused on early detection to better understand recycled water interaction with the freshwater groundwater supplies. LACDPW's monitoring wells are monitored for meeting their own compliance requirements when they need to. West Basin's intention of installing two monitoring wells in addition to its one existing well, is to conduct tracer experiments on recycled water flow through the groundwater supplies to enhance this resource. The purpose is for West Basin to conduct its own progressive research and be in control of the timing of when the data is collected. This data that will be collected will aid in generating maps to illustrate the flow and transport of the recycled water to ensure that there are no adverse effects to the freshwater supplies. In 2006, West Basin decided to install its own monitoring well for the purposes of monitoring the interaction of recycled water in the groundwater basin. Funding for the Project will enable the study, tracking, and monitoring of the underground behavior of highly advanced treated recycled water in groundwater aquifers. The Project is in an area managed both under a GWMP and an adjudication by the State of California. The Water Replenishment District of Southern California (WRD) is the groundwater manager for the West Coast Groundwater Basin located in the south bay of southwest Los Angeles County. Technically, the West Coast Groundwater Basin is adjudicated, and, therefore a GWMP is not required under AB3030 guidelines (Water Code Section 10753. (a)). Although not required, the WRD Board recognized the need for a GWMP and adopted such a plan in 1998. The 1998 GWMP was subsequently updated by the 2003 Strategic Plan, which was adopted by the WRD Board on September 3, 2003. This plan includes WRD's mission statement, goals and objectives and includes a list of priority projects intended to assist WRD in meeting the specified goals. This Project address the following goals and objectives: Goal 1: Protect and Preserve Water Quality in the Central and West Coast Basins: Objective 1: Monitor Water Quality of the Basins and Objective 2: Mitigate Seawater Intrusion and Objective 3: Address Groundwater Contamination and Prevention Issues; Goal 2: Provide Basin Replenishment: Objective 2: Ensure Available Water Sources for Purpose of Replenishing Groundwater Supply. This Plan is currently being updated and is planned to be complete in 2013. The West Coast Basin Judgment and amendments can be found on the Watermaster's website at [http://www.water.ca.gov/watermaster/westbasin\\_judgment/index.cfm](http://www.water.ca.gov/watermaster/westbasin_judgment/index.cfm). There is no Resolution formally signed by West Basin Municipal Water District as this was a legal action taken.

## Q3. Project Director:

**Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.**

Richard Nagel General Manager richardn@westbasin.org 310-660-6210

## Q4. Project Manager:

**Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.**

Leighanne Kirk Water Resources Analyst/Grants Program Manager leighannek@westbasin.org 310-660-6225

## Q5. Additional Information:

**Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:**

[http://www.water.ca.gov/groundwater/groundwater\\_basics/gw\\_contacts\\_info.cfm](http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm)

- 1) ☐ Northern Region
- 2) ☐ North Central Region
- 3) ☐ South Central Region
- 4) ☒ Southern Region

## Q6. Additional Information:

**Provide the Date of GWMP Adoption, if any, and list the pursuant Water Code Section or other legal Authority in which it was adopted.**

the WRD Board recognized the need for a GWMP and adopted such a plan in 1998. The 1998 GWMP was subsequently updated by the 2003 Strategic Plan, which was adopted by the WRD Board on September 3, 2003. Technically, the West Coast Groundwater Basin is adjudicated, and, therefore a GWMP is not required under AB3030 guidelines (Water Code Section 10753.(a)): Any local agency, whose service area

includes a groundwater basin, or a portion of a groundwater basin, that is not subject to groundwater management pursuant to other provisions of law or a court order, judgment, or decree, may, by ordinance, or by resolution if the local agency is not authorized to act by ordinance, adopt and implement a groundwater management plan pursuant to this part within all or a portion of its service area.

#### Q7. Additional Information:

**Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).**

Memorandum of Understanding between West Basin Municipal Water District and the Water Replenishment District of Southern California to provide recycled water for injection into the West Coast Groundwater Basin via the seawater barrier injection wells. Replenishment District of Southern California Resolution of adoption of the GWMP. Legal documents regarding the West Coast Basin adjudication and parties to the judgment.

#### Q8. Additional Information

**Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no "Other Contributions" Please answer this question with, "No Other Contributions".**

No Other Contributions

#### Q9. Eligibility:

**List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.**

West Basin Municipal Water District 310-660-6225 leighannek@westbasin.org

#### Q10. Eligibility:

**Have all of the urban water suppliers, listed in Q9 above, submitted complete 2010 UWMP to DWR? If not, explain why. Have those plans been verified as complete by DWR? If not, explain current status.**

Yes, West Basin submitted a complete 2010 UWMP to DWR Yes, the 2010 UWMP was verified as complete by DWR

#### Q11. Completeness Check:

**Have all of the fields in the application been completed?**

Yes

#### Q.11. Completeness Check (cont)

**If no, please explain. If yes, answer this question with "NA".**

NA

### Section : Application Attachments Tab

#### APPLICATION ATTACHMENTS TAB

##### Attachment 1. Authorizing Documentation

**Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att1\_LGA12\_WBMWD\_AuthDoc\_1of1.pdf

##### Attachment 2. Eligible Applicant Documentation

**Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att2\_LGA12\_WBMWD\_EligDoc\_1of1.pdf

##### Attachment 3. Status of GWMP

**Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: ATT3\_LGA12\_WBMWD\_GWMP\_1of2.pdf, ATT3\_LGA12\_WBMWD\_GWMP\_2of2.pdf

#### **Attachment 4. Project Description**

**Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att4\_LGA12\_WBMWD\_ProjD\_1of1.pdf

#### **Attachment 5. Work Plan**

**Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att5\_LGA12\_WBMWD\_WrkPln\_1of1.pdf

#### **Attachment 6. Budget**

**Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att6\_LGA12\_WBMWD\_BUDGET\_1of2.pdf, ATT6\_LGA12\_WBMWD\_BUDGET\_2of2.pdf

#### **Attachment 7. Schedule**

**Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att7\_LGA12\_WBMWD\_SCHED\_1of1.pdf

#### **Attachment 8. Quality Assurance**

**Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att8\_LGA12\_WBMWD\_QA\_1of1.pdf

#### **Attachment 9. Past Performance**

**Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments:

Att9\_LGA12\_WBMWD\_PERFORM\_1of3.pdf, Att9\_LGA12\_WBMWD\_PERFORM\_2of3.pdf, Att9\_LGA12\_WBMWD\_PERFORM\_3of3.pdf

#### **Attachment 10. AB1420 and Water Meter Implementation Compliance**

**Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".**

Last Uploaded Attachments: Att10\_LGA12\_WBMWD\_1420\_1of2.pdf, Att10\_LGA12\_WBMWD\_1420\_2of2.pdf

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